## ABSTRACT OF THE DISCLOSURE

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Disclosed herein is method for economically а powder, manufacturing high quality TiC TiCN powder ultrafine nanophase TiC + Ni (Co, Al) and TiCN + Ni (Co, Al) composite powders by means of metallothermic reduction. The method comprises the steps of preparing a starting solution of titanium tetrachloride (TiCl4) in a carbon chloride, feeding the starting solution into a closed container containing molten magnesium (Mg) under inert atmosphere, vacuumseparating unreacted liquid-phase Mg and magnesium chloride  $(MgCl_2)$  remaining after reduction of magnesium from the closed container, and collecting a TiC compound from the closed container.

TiC powder, TiCN powder or ultrafine nanophase TiC + Ni

(Co, Al) and TiCN + Ni (Co, Al) composite powders having a

particle size of a few tens nm can be manufactured in a

simpler manner using economically advantageous starting

materials such as titanium tetrachloride and carbon chlorides.